

Massillon Wastewater Treatment Facility Thursday, September 30, 2021



The Massillon Wastewater Treatment Plant (WWTP) is a regional facility owned and operated by the City of Massillon, treating sanitary sewer flows from the City as well as portions of Stark County. In 2013, the plant was expanded from 15.8 MGD to 17.0 MGD and upgraded to meet new phosphorus NPDES permit limitations from the WWTP's final effluent. Based on site and process restrictions, an Integrated Fixed-Film Activated Sludge (IFAS) treatment system was selected and installed.



Features of the IFAS Treatment Upgrades:

- Biological nutrient removal (BNR) processes
- Integrated fixed film activated sludge (IFAS) system
- Headworks improvements
- Replacement of equipment approaching its service life

Registration, Refreshments & Facility Tours
8:00 - 10:30am

1 Hour Tour Duration *Last tour leaves at 10:30am*
Massillon Wastewater Treatment Facility
100 Big Indian Drive SW
Massillon, OH 44646

Lunch
11:30 - 12:30pm

Santangelo's Party Center
1008 9th St, SW
Massillon, Ohio 44647
(6 minute drive from Massillon WWTP)

Technical Sessions:
12:30 - 1:15pm

City of Massillon WWTP – Designing a Major Plant Upgrade for Nutrient Removal within Tight Site Limitations Rick Reed, PE and Dave Kohlmeier, PE CTI Engineers, Inc.

1:15 - 2:00pm

City of Massillon WWTP – Staged Conversion of an Oxygen Ditch Biological Process to IFAS Mike Manning, PE and Bill Meinert, PE, Ramboll

2:00 - 2:15pm

BREAK

2:15 - 3:00pm

Professional Construction Management of WWTP Upgrades Bryan Celik, PE Anser Advisory

3:00 - 3:45pm

Wastewater and Drinking Water Infrastructure Funding Opportunities in Ohio Jon Bernstein, PE, Ohio EPA, Division of Environmental and Financial Assistance

3:45 - 4:00pm

Closing Announcements, Prizes and Remarks

Register by Friday September 24, 2021 at www.nesowea.org for this seminar. Registration is limited to **125 people** and will close once capacity is reached.

Training Fee is \$30 for members or \$45 for non-members (includes a 1 year Section Only Membership). Credit Cards accepted online. Payable day of event by cash or by check to NESOWEA. No purchase orders will be accepted. **Cancellations must be received 3 days prior to event to avoid being charged.**

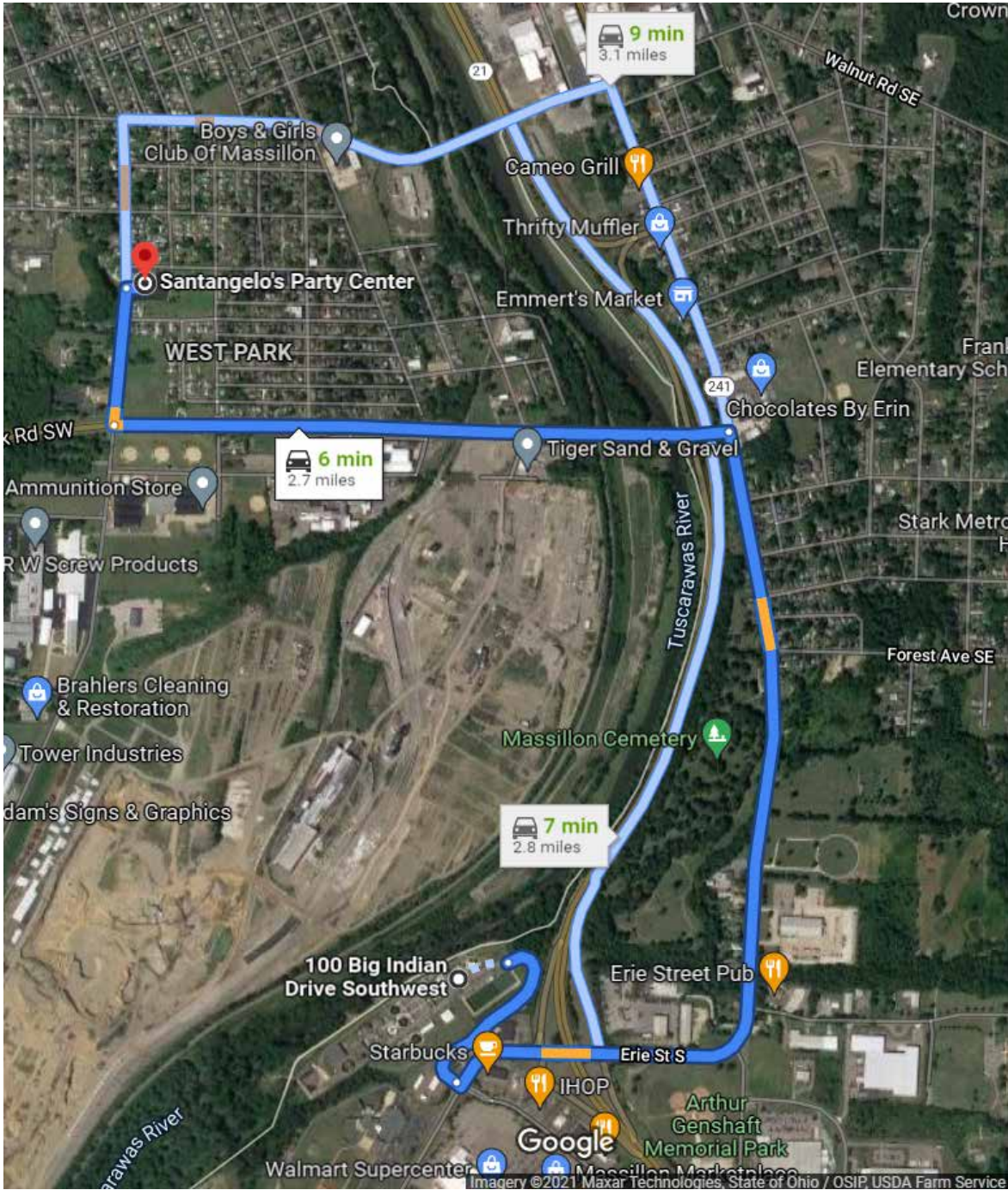
This program has been submitted for **4.0 hours of continuing education credit** for certified operators in Ohio. To receive credit, attendees must be present during the entire session and complete a contact hour form with Ohio EPA Core ID Number.

Questions regarding this event can be directed to:

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kbabcock@wadsworthcity.org

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COVID-19 Precautions

We have heard from many of you who are excited to meet again in person and we are also looking forward to seeing you, safely. Our workshops will look different. While it is impossible to eliminate all risk associated with COVID-19, we are working hard to ensure as safe an experience as possible. Here is some of what we do in conjunction with our hotel partners:

- OWEA staff and hotel staff will be wearing masks and in some cases face shields during the event.
- Due to the executive order signed by Governor Mike DeWine, all attendees who are physically able to will be required to wear a mask when not eating, drinking or speaking to the audience. While we encourage you to bring a mask you are comfortable with, OWEA will also provide masks during events. Masks are the best way to keep everyone safe when we are around each other.
- Hand sanitizer will be provided by both the venue and OWEA.
- OWEA staff practices social distancing in the office and takes their temperatures daily, including before workshops.
- We ask that you take your temperature before heading out to the workshop and that you stay at home if they don't feel well or have a temperature.
- We will have signage and explanations of correct social distancing measures.
- We will have seats at least 6 ft apart. Speakers will remain at least 6 ft from attendees.
- Communal meals will look different, with seating more spread out and fewer seats at tables. Social distance will be maintained.
- Food service will look different. Buffets will be served, and with very limited contact with service staff. Most items will be individually packaged.
- There will be markings on the floor to help maintain safe distances between attendees.
- We will be dismissing attendees by row to eliminate a large group during breaks.
- Podiums, microphones and laptops will all be sanitized between speakers.
- We will maintain recommended distances between all attendees, between staff and attendees, and between speakers and attendees.
- We will be communicating with registered attendees multiple times prior to the event to ensure everyone is comfortable and aware of these changes.

We are #BetterTogetherOhio